

SNo	Search terms	Results
1	Asthma	145,049
2	Child	2,196,829
3	Pediatrics	63,270
4	Adolescent	2,239,616
5	Exercise	255,070
6	(#1) AND (#2)) AND (#5)	46
7	(#1) AND (#2)) OR (#3) AND (#5)	157

Search strategies:

1. 157 results

((("Asthma"[MeSH Terms] AND "Child"[MeSH Terms] AND "Exercise"[MeSH Terms]) OR "Physical activity"[All Fields]) AND "2014/04/08 00:00":"3000/01/01 05:00"[Date - Publication] AND "loattrfree full text"[Filter] AND "loattrfull text"[Filter] AND "humans"[MeSH Terms] AND ("female"[MeSH Terms] OR "male"[MeSH Terms]) AND "english"[Language] AND ("infant"[MeSH Terms] OR "Child"[MeSH Terms] OR "adolescent"[MeSH Terms] OR "adolescent"[MeSH Terms] OR "Child"[MeSH Terms:noexp]) AND ("2014/04/08 00:00":"3000/01/01 05:00"[Date - Publication] AND "loattrfree full text"[Filter] AND "observational study"[Publication Type] AND "loattrfull text"[Filter] AND "humans"[MeSH Terms] AND ("female"[MeSH Terms] OR "male"[MeSH Terms]) AND "english"[Language] AND ("infant"[MeSH Terms] OR "Child"[MeSH Terms] OR "adolescent"[MeSH Terms] OR "Child"[MeSH Terms:noexp] OR "adolescent"[MeSH Terms]))) AND ((y_10[Filter]) AND (ffrft[Filter]) AND (fft[Filter]) AND (humans[Filter]) AND (female[Filter] OR male[Filter]) AND (english[Filter]) AND (child[Filter]))

2. 47 results

((("Asthma"[MeSH Terms] AND "Child"[MeSH Terms]) OR "Pediatrics"[MeSH Terms]) AND "Exercise"[MeSH Terms] AND ((y_10[Filter]) AND (ffrft[Filter]) AND (fft[Filter]) AND (humans[Filter]) AND (female[Filter] OR male[Filter]) AND (english[Filter]) AND (child[Filter]))

3. 409

((("Asthma"[MeSH Terms] AND "Child"[MeSH Terms] AND "Exercise"[MeSH Terms]) OR "Exercise"[MeSH Terms] OR "Physical activity"[All Fields]) AND "2014/04/08 00:00":"3000/01/01 05:00"[Date - Publication] AND "loattrfree full text"[Filter] AND "loattrfull text"[Filter] AND "humans"[MeSH Terms] AND ("female"[MeSH Terms] OR "male"[MeSH Terms]) AND "english"[Language] AND ("infant"[MeSH Terms] OR "Child"[MeSH Terms] OR "adolescent"[MeSH Terms] OR "adolescent"[MeSH Terms] OR "Child"[MeSH Terms:noexp])) AND ((y_10[Filter]) AND (ffrft[Filter]) AND (observationalstudy[Filter]) AND (fft[Filter]) AND (humans[Filter]) AND (female[Filter] OR male[Filter]) AND (english[Filter]) AND (allchild[Filter] OR child[Filter] OR adolescent[Filter]))

SNo	Search terms	Results
1	Asthma	145,049
2	Bronchial hyperactivity	7,551
3	Bronchoconstriction	4,308
4	Respiratory hypersensitivity	174,843
5	Respiratory Sounds	14,896
6	dyspnea	25,863
7	Asthma, exercise induced	2,358
8	Respiratory function test	252,176
9	Exercise test	71,832
9	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9	430,055
10	Physical fitness	37,060
11	Exercise	255,070
12	Physical exertion	57,587
13	10 OR 11 OR 12	324,501
14	Limit 13 to English, time: 2014-2024, Male OR Female, child: birth to 18 years, Adolescent: 13-18 years	832
15	Limit 14 to observational studies, multicenter study, clinical study	195

Search strategy

((("Asthma"[MeSH Terms] OR "Bronchial Hyperreactivity"[MeSH Terms] OR "Bronchoconstriction"[MeSH Terms] OR "respiratory hypersensitivity"[MeSH Terms] OR "Respiratory Sounds"[MeSH Terms] OR "dyspnea"[MeSH Terms] OR "asthma, exercise induced"[MeSH Terms] OR "Respiratory Function Tests"[MeSH Terms] OR "Exercise Test"[MeSH Terms])) AND ("Exercise"[MeSH Terms] OR "Physical Fitness"[MeSH Terms] OR "physical exertion"[MeSH Terms])) AND ((y_10[Filter]) AND (ffrft[Filter]) AND (clinicalstudy[Filter] OR multicenterstudy[Filter] OR observationalstudy[Filter]) AND (fft[Filter]) AND (humans[Filter]) AND (female[Filter] OR male[Filter]) AND (english[Filter]) AND (allchild[Filter] OR adolescent[Filter]))

Google scholar

SNo	Search	Results
1	pediatric asthma AND exercise from 2014-2024	18800